

## HBRAIL Rail Temperature Probe

### Features:

- Simple PT100 output
- Low maintenance
- Solid state
- Easy and quick to install and replace.
- Variety of clips to match different rail cross sections available

### Probe for reliability:

Strong construction in Aluminium gives this sensor a long life in a challenging environment

### Long term stability:

Using simple platinum resistance outputs, this sensor is stable and accurate with long term stability

### Long lifetime:

Because this sensor is of rugged construction, with positive clamping to the rail, along with simple but very accurate technology, the sensor will have a long lifetime in the harsh and high vibration location in which it will be used.

### Easy to maintain:

This sensor can be quickly installed and removed from the rail in a few seconds. This is a key requirement when working in the rail environment where rail closures are not viable for short term maintenance. The HBRAIL sensor can be clipped onto the rail in seconds, pre connected to the cable. Removal is simple.

The sensor is ruggedly held in place on the rail by a barbed clip to prevent accidental removal, but also allows fast removal when needed

### Approval:

HBRAIL as product approval for the use on UK rail, allowing this sensor to be installed on any part of the network.

## Specification:

Type: HBS/80/5538

Sensor Body Material: Alum Alloy Anodised

Sensor type: PT100 Class A 4 Wire

Measurement principle: Resistance

Accuracy: +/- 0.25 C

Temperature range: -50 C ... +100 C

Cable type: PVC MUL - TT16-2-04C

